

CLAIMS

1. A ceiling lamp junction box/lamp rod folding installation structure comprised of a swivel block movably disposed in a portal at the side of a junction box and a lamp rod fastened to the said swivel block, wherein:

5 the said junction box has a plurality of portals appropriately arrayed along its circumferential surface and, furthermore, pivot holes are formed in the top surface at the lateral edge of each said portal in the said junction box; aligned with the said pivot holes on the said portal of the said junction box is a carrier mount having a reticulation prefabricated at the center and a coupling section on each of its two
10 ends, thereby providing for the insertion of a pin through one end of the said carrier mount to movably dispose the said swivel block and the insertion of a pin through the other end of the said carrier mount to constitute a latch mechanism; the said carrier mount also has a hitch rod disposed against the inner edge of the said junction box at the two ends of the said portal, and a said hitch rod is situated at the
15 same side of the said latch mechanism to provide for the positional engagement of the said latch mechanism;

 a hinge rod contoured at the side of the said swivel block extends into the said junction box, and the said hinge rod is aligned with the said carrier mount coupling section and the said swivel block is positioned on the lateral edge of the

said lamp rod and, as such, provides for the turning of the lamp rod, with the center of rotation at a pivot area, to adjust the angle of the said lamp rods to the said junction box and thereby bring the said lamp rods into a horizontal arrangement to reduce the space occupied by the said lamp rods and the said junction box during
5 shipment.

2. A ceiling lamp junction box/lamp rod folding installation structure as claimed in Claim 1 in which the said swivel block circumferential surface and the said junction box circumferential edge are congruent circle segments and, furthermore, a state of confluence exists with the circumferential edge of the said
10 junction box.

3. A ceiling lamp junction box/lamp rod folding installation structure as claimed in Claim 1 in which the said latch mechanism consists of the said pin inserted through the said carrier mount coupling section and then sequentially through a check block and a torque spring that keeps the two positioned at the said
15 carrier mount front end, the supportive force of said check block torque spring causing its lateral edge to be propped against the said carrier mount hitch rod and thereby positioning the said torque spring at the lateral edge of the said carrier mount.

4. A ceiling lamp junction box/lamp rod folding installation structure as claimed in Claim 1 and Claim 3 in which the said swivel block has a rack surface along one side, the notches of the said rack surface providing for engagement with a side corner of the said check block; the said swivel block also has a through-hole
5 formed in its center and, furthermore, a threaded rod is inserted into the said through-hole, with one extremity of the said threaded rod fastened into a threaded hole of the said lamp rod and the opposite extremity fastened into a nut to thereby position the said swivel block on the lateral edge of the said lamp rod.